

# Safety data sheet

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Chemetall (now part of BASF Group) Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 15.11.2023

Version: 2.1

Product: **AC SEPAROL M**

(ID no. 30707910/SDS\_GEN\_00/EN)

Date of print 29.09.2025

## 1. Identification

### Product identifier

### **AC SEPAROL M**

Chemical name: polymethyl methacrylate  
Recommended use: anti-adhesive agents

Recommended use: only for use at industrial site

Not recommended use: Uses other than recommended

### Details of the supplier of the safety data sheet

Company:  
Chemetall GmbH  
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60487, Frankfurt am Main  
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Telephone: +49(0)69 7165-0  
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### Emergency telephone number

International emergency number:  
Telephone: +49 180 2273-112

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## 2. Hazards Identification

### Classification of the substance or mixture

#### According to UN GHS criteria

No need for classification according to GHS criteria for this product.

#### **Label elements**

#### Globally Harmonized System, UN (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

#### **Other hazards**

#### According to UN GHS criteria

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

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### **3. Composition/Information on Ingredients**

#### **Substances**

##### Chemical nature

polymers

##### Hazardous ingredients (GHS)

According to UN GHS criteria

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

#### **Mixtures**

Not applicable

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### **4. First-Aid Measures**

#### **Description of first aid measures**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

On skin contact:

If symptoms persist, seek medical advice. Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

On contact with eyes:

If symptoms persist, seek medical advice. Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution.

On ingestion:

Do not induce vomiting. Rinse mouth thoroughly with water, seek medical attention. If adverse health effects develop seek medical attention.

### **Most important symptoms and effects, both acute and delayed**

Symptoms: No data available.

Hazards: Dusts may cause mechanical irritation to eyes.

### **Indication of any immediate medical attention and special treatment needed**

Treatment: Symptomatic treatment (decontamination, vital functions).

Antidote: No known specific antidote.

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## **5. Fire-Fighting Measures**

### **Extinguishing media**

Suitable extinguishing media:

carbon dioxide, alcohol-resistant foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:

water jet

### **Special hazards arising from the substance or mixture**

Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

### **Advice for fire-fighters**

Special protective equipment:

Appropriate breathing apparatus may be required.

Further information:

Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

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## **6. Accidental Release Measures**

### **Personal precautions, protective equipment and emergency procedures**

Do not inhale dusts. For non-emergency personnel: Use personal protective clothing. Ensure adequate ventilation. Keep away from sources of ignition. For emergency responders: Advice on product handling can be found in sections 7 and 8 of this safety data sheet. Information regarding personal protective measures, see section 8.

### **Environmental precautions**

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

### **Methods and material for containment and cleaning up**

Avoid dust formation. Contain and collect mechanically and dispose of in accordance with local regulations. Ensure adequate ventilation.

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## **7. Handling and Storage**

### **Precautions for safe handling**

Avoid dust formation. Protect against moisture. Provide good ventilation of working area (local exhaust ventilation if necessary). Do not return residues to the storage containers. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

### Protection against fire and explosion:

Avoid dust formation. Avoid all sources of ignition: heat, sparks, open flame. The relevant fire protection measures should be noted.

### **Conditions for safe storage, including any incompatibilities**

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethyleneterephthalate (PET), Polypropylene (PP)

Further information on storage conditions: Keep container dry. Keep in a cool, well-ventilated place. Protect against moisture. Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions.

### Storage stability:

Storage temperature: 5 - 40 °C

### **Specific end use(s)**

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

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## **8. Exposure Controls/Personal Protection**

### **Control parameters**

#### Components with occupational exposure limits

No occupational exposure limits known.

### **Exposure controls**

#### Personal protective equipment

Respiratory protection:

Respiratory protection required if exposure limit (if available) may be exceeded (Particle filter EN 143 P1)

**Hand protection:**

Wear protective gloves of neoprene.

Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and ruptur times as well as the specific workplace conditions.

Chemical resistant protective gloves (EN ISO 374-1)

Further information on penetration time is available from the manufacturer of the glove.

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

**Eye protection:**

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

**Body protection:**

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

**General safety and hygiene measures**

Eye wash fountains and safety showers must be easily accessible. Avoid inhalation of dusts. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. This can be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Form:	solid
Colour:	white
Odour:	slight odour
pH value:	substance/mixture is non-soluble (in water)
Melting point: onset of boiling:	105,00 °C
Flash point:	Study technically not feasible. 391 °C
Flammability:	not applicable, the product is a solid
Lower explosion limit:	not flammable
Ignition temperature:	not applicable
Vapour pressure:	not applicable, the product is a solid (20 °C) The product is a non-volatile solid.
	(50 °C) not determined

Density: 0,700 g/cm<sup>3</sup>  
(20 °C)

Relative vapour density (air):  
The product is a non-volatile solid.

Solubility in water: insoluble

Partitioning coefficient n-octanol/water (log K<sub>ow</sub>):  
not applicable for mixtures

Self ignition: Temperature: 465 °C

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Viscosity, kinematic:  
(20 °C)  
not applicable

(40 °C)  
not applicable

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

## Other information

Self heating ability: It is not a material capable of spontaneous heating

Bulk density: approx. 700 kg/m<sup>3</sup>

Miscibility with water: immiscible

Flow time:  
not applicable

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## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

Dust can form an explosive mixture with air.

### Conditions to avoid

Avoid dust formation. Avoid direct sunlight. Avoid humidity.

### Incompatible materials

Substances to avoid:  
Keep away from highly acidic or alkaline substances as well as oxidants in order to prevent exothermal reactions.

### Hazardous decomposition products

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

Assessment of acute toxicity:

Based on available data, the classification criteria are not met.

#### Irritation

Assessment of irritating effects:

Based on available data, the classification criteria are not met.

#### Respiratory/Skin sensitization

Assessment of sensitization:

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Assessment of mutagenicity:

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Assessment of carcinogenicity:

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Assessment of reproduction toxicity:

Based on available data, the classification criteria are not met.

#### Developmental toxicity

Assessment of teratogenicity:

Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on available data, the classification criteria are not met.

#### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Based on available data, the classification criteria are not met.

#### Aspiration hazard

No aspiration hazard expected.

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## 12. Ecological Information

### Toxicity

Assessment of aquatic toxicity:

There are no test results available for this product. Do not allow to enter drains or waterways. Based on available data, the classification criteria are not met.

### Persistence and degradability

Assessment biodegradation and elimination (H<sub>2</sub>O):

No data available concerning biodegradation and elimination.

### Bioaccumulative potential

Bioaccumulation potential:

No data available.

### Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: No data available.

### Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

### Additional information

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

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## 13. Disposal Considerations

### Waste treatment methods

Do not discharge into drains/surface waters/groundwater.

Observe national and local legal requirements.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

## 14. Transport Information

### Land transport

ADR

UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

RID

UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

### Inland waterway transport

ADN

UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	None known

### Transport in inland waterway vessel

Not evaluated

### Sea transport

IMDG

Not classified as a dangerous good under transport regulations

UN number or ID number: Not applicable  
UN proper shipping name: Not applicable  
Transport hazard class(es): Not applicable  
Packing group: Not applicable  
Environmental hazards: Not applicable  
Special precautions for user: None known

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations  
UN number or ID number: Not applicable  
UN proper shipping name: Not applicable  
Transport hazard class(es): Not applicable  
Packing group: Not applicable  
Environmental hazards: Not applicable  
Special precautions for user: None known

### **Maritime transport in bulk according to IMO instruments**

Maritime transport in bulk is not intended.

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## **15. Regulatory Information**

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not applicable

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## **16. Other Information**

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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